

3-D Thursdays!

Earth Day
Edition!

"Three-Dimensional" Series for Rural K-12 Educators

● Professional Development ● Networking ● NGSS Connections

First Thursday of Each Month

Upcoming: April 1st at 7:00 pm Central Time

With hosts Rachael Arens and Michael Guarraia, Albert Einstein Distinguished Educator Fellows at NASA

Join us for a workshop with NASA partners Growing Beyond Earth and GLOBE Observer to learn how to use NASA technologies and practices in experiential learning environments. Educators can partner with Growing Beyond Earth to access plant growing equipment that mimics environmental conditions aboard the International Space Station to expand food options for spaceflight and evaluate multiple edible plants that meet NASA's criteria. Educators will also learn how to participate in the GLOBE Community Trees Challenge to celebrate Earth Day 2021! This webinar is suitable for all grades K-12.



Growing Beyond Earth Team **Dr. Gioia Massa, Amy Padolf, Dr. Carl Lewis**

Dr. Gioia Massa is a NASA scientist at Kennedy Space Center working on space crop production for the International Space Station and future exploration endeavors. Amy Padolf is the Director of Education at Fairchild Tropical Botanic Gardens where she oversees national and international multidisciplinary environmental science education programs for pre-K through post graduate studies as well as teacher professional development, adult education and crowd sourcing for conservation research. Dr. Carl Lewis started at Fairchild Tropical Botanic Garden in 2000 as a postdoctoral researcher and has since served as the director of the garden since 2008. Together, the team supports the Growing Beyond Earth initiative.



Brian A. Campbell

GLOBE Observer: 2021 Community Trees Challenge

Brian A. Campbell is a Senior Earth Science Specialist with NASA. His work focuses on communicating how NASA satellites view the Earth synoptically, bringing an understanding of how our planet responds to change. Currently, Brian serves as the ICESat-2 Mission Education Lead, Lead for the Trees Around the GLOBE Student Research Campaign, and the Trees Science Lead for the NASA GLOBE Observer Citizen Science Project. As part of the NASA satellite missions and programs, Brian has developed partnerships with students, educators, and researchers from over 75 countries. Brian instructs students and citizen scientists from around the world how to collect in-situ environmental data, and then compare their data to that of the NASA satellites.



Partner



Albert Einstein
Distinguished Educator Fellowship Program



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